

- Pontaster forcipatus*, n.g., n.sp. Many specimens; obtained also at Stations 44, 45, 50, and 146. STATION 46.
- Plutonaster rigidus*, n.g., n.sp., var. *semiarmata*, nov. One specimen (either from this Station or Station 47); the species obtained also at Station 44 or 45.
- Porcellanaster cæruleus*, Wyville Thomson, n.g., n.sp. Obtained also at Stations 45 and 47.
- Leptoptychaster arcticus* (Sars), var. *elongata*, nov. Obtained also at Station 49, 85 fathoms. The species recorded from North Atlantic ("Porcupine").
- Phoxaster pumilus*, n.g., n.sp. One young specimen; obtained also at Station 44 or 45. Only species of the genus.
- Zoroaster fulgens*, Wyville Thomson. Obtained also at Stations 50 and 120, 1250 and 675 fathoms. Recorded from North Atlantic ("Porcupine" and "Triton").
- Cribrella oculata* (Linck), Forbes. Obtained also at Stations 48 and 49, 51 and 85 fathoms. Recorded from Arctic, and North Atlantic ("Porcupine," "Knight Errant," and "Triton").
- Brisinga verticillata*, n.sp. Obtained at no other locality.
- Freyella bracteata*, n.sp. Obtained also at Stations 47 and 50, 1340 and 1250 fathoms.

OPHIUROIDEA (Lyman, Zool. pt. 14).

- Ophioglypha lepida*, n.sp. Obtained also at Stations 45, 76, 343, and Bermuda.
- Amphilepis norvegica*, Ljungman. Obtained also at Stations 33 (?) and 45.
- Ophiacantha bidentata* (Retzius), Ljungman. Obtained also at Stations 45 and 49.

ECHINOIDEA (Agassiz, Zool. pt. 9).

- Echinus acutus*, Lamarck. Obtained also at Stations 170 and 343, 630 and 425 fathoms.
- „ *elegans* (Düben and Koren). Obtained also at Stations 135 and 219, 1100 and 150 fathoms.
- „ *norvegicus*, Düben and Koren. Obtained also at Stations 47, 232, 235, and 308, 175 to 1340 fathoms.

In addition to the foregoing, the Station-book records a Gorgonoid.

Excluding Protozoa, over 40 specimens of invertebrates were obtained at this Station, belonging to about 19 species, of which 11 are new to science, including representatives of 6 new genera; 2 of the new species were not obtained elsewhere.